



 are distributed around the circumference of the eccentric axle, whereby the finger supports extend axially within a portion of the drum-shaped shell having openings for the fingers.

 7. A rotary conveyor as defined by claim 4 wherein the fingers are removably attached to the finger supports.

 10. A rotary conveyor comprising:
a rotatable drum-shaped shell having openings;
a non-rotating eccentric axle arranged inside the shell, the non-rotating eccentric axle defining an axial direction;
finger supports being rotatively mounted to the non-rotating eccentric axle, each finger support is rotatively mounted to the non-rotating eccentric axle by at least two annular bearings, the finger supports extend radially outward from and parallel to the non-rotating eccentric axle;
a plurality of fingers are mounted to each finger support, the fingers extending through the openings in the drum-shaped shell such that fingers on one finger support are arranged next to one another in the axial direction.

 12. A rotary conveyor as defined by claim 10 wherein the finger supports are offset relative to one another in the axial direction.

 17. A rotary conveyor comprising:
a rotatable shell having openings;
a non-rotating eccentric axle arranged inside the shell;
finger supports being rotatively mounted to the non-rotating eccentric axle, each finger support is rotatively mounted to the non-rotating eccentric axle by at least two bearings axially spaced along the non-rotating eccentric axle, the finger supports extend radially outward from and parallel to the non-rotating eccentric axle, the finger supports being located inside the rotatable shell;
a plurality of fingers are mounted to each finger support, the fingers extending through the openings in the shell.
